IMPORTANT

BLANKS SHOULD BE COMPLETELY FILLED OUT AND RETURNED BY FEBRUARY 1. 1938

METAL MINES AND MILLS

1765600 - R8 SDMS

Name of Mine or Plant St. Louis Tunnel and other properties See remarks

·			
County Dolores ,	Post OfficeR	ico ,	District

	RE	PORT		REAU OI	FMIN	ES	
OPERATOR.			FOR THE YEA	R 193 7	•		
Name of Compa Partnership or	.ny, }	St.	Louis Sme	lting & Re	fining	Company	
Individual Address of Prin	icipal Offi	.ce		Street, St	t. Louis	, Mo.	
Local Office	Rico,	Colorad	.0				
If incorporated,	under th	e laws of w	hat state?	Missouri			
Names, titles addresses of ocers, partners.	offi- {	ner Sam	ne as oper	rator			
ħ	/Names a	nd Number	s of patented	claims		~~~~	
				, ×			
If names of claims have been listed in							
previous reports, only changes, if any, need be given.	\					Total acreage	
,	Names of	unpatente	ed claims				
·	\		,			Total acreage	
Do you own the Was your prope If you have giv dress of the leased, a	erty operate en a lease sing comp	ted in who to others panies, par	le or in part of for all or par	luring the past t of the prope	t year? erty, state t	the names and	P. O. ad-
Is the work don	or reduct	ion works	No j	If so, what is it	s character	and capacity?_	
List all improve main tunne	1 and	id developi ip raise	from dri	P*: _		.101115_11011	
CRUDE OR SH	IPPING O	RE: No. to	onse grade of diff	erent metallic	value per t	ores as follows:	
GoldSilver	OZ. OZ.	Lead Zinc	% %	Copper Iron	% %	Sulphur Insoluble	% %
MILLING ORE							
Average gross v ferent metals as	alue per t						•
Gold	OZ.	Lead	%	Copper	%	Sulphur	%
Silver							
CONCENTRAT	ES: No.	tons conce	ntrates obtain	ned from ores n	nilled		reduction
to			_	· ·		Total value \$	
Average grade							
Gold			•			Sulphur	•
Silver			•	Iron	•	Insoluble	•
State average c					···	_, freight \$	·
milling \$, sn	nelting \$		•			

291

2.70

TimBan	en	_%,	amoun	t		, value	\$		Uranium	1	%, amount
	, value	\$. Vana	dium		%, am	ount	, value	\$
Molybde	enum		.%, amo	\mathtt{ount}_{-}		<u>,</u>	value	\$	F	luorspar	% ,
amount		valı	ıe \$		•						
		M	INE]	LABOR	DA'	TA	M	ILL	
No. of			verage Nur loyed and	mber of	Men Worked			No. of	A	verage Number of	i Men Worked
Days Operated	Underground		of Shifts	Şu	rface	No. of S		Days Operated	No. of 1		No. of Shifts
312	22	_69	980		<u>≯g</u>	-2,00				·	
						33					
			FICATI GROUI		OF LA	BOR I	N A	ND ABO		AL MINES FACE	
			Total 8 hr	. Shifts	1 -	_				Total 8 hr. Shift	Wage per Shift
orema Miners			17	31	\$ 5.	35 15	Topr	nen (Le	borers)	252	\$ 4.15
Machine	e Runners				\$		Engi	ineers			\$
Machine	e Helpers		1		\$		Fire	men			\$
	ers & Mucke				\$ 5.		i .			5	\$ 4.05
	Blacksmi			06 66	\$ 5.		1			70	\$
	men en			66	\$ 4.	00			ents	1	\$ 4.85
-	ians		1		\$ 5.	25					\$
	inderg'nd La		į.		\$						\$
	umber of sh umber of sh Classificat	ifts	perforn	ned b	y all r	men em	ploye	ed on su	rface	6980 293 5	33
	umber of sh	ifts	perforn	ned b	y all r	men em	ploye	ed on su	rface	293 5	33 tions
Total n	umber of sh	ifts ion o	perform f Labor	ned b in Or	y all re Dres	men em ssing Pl	ploye ants,	ed on su Mills an	rfaced Other Su	rface Occupa	33 tions Wage per Shift
Total nu	Classificat Classificat Derintendent	ifts ion o	perforn f Labor	ned b in Or	wase 1	men em	ploye ants, Ore S	Mills an	rface d Other Sur	face Occupat	33 tions Wage per Shift
Mill Sur Mill For Mill Shi	Classificat Classificat Derintendent Temen	ifts	perforn f Labor	ned b in Or	wase 1	men em	ploye ants, Ore S Tran	Mills and Sorters Men	rfaced Other Sur	face Occupation of the Company of th	33 tions Wage per Shift
Total model of the Mill Sur Mill Shir Mill Shir Mill men	Classificat Classificat perintendent remen ft Bosses	ifts	perforn f Labor Total 8 hr	in Or	y all re Dres Wage \$	men em ssing Pl	ore S Tran Tean Time	Mills and Sorters Men nsters ekeepers	rfaced Other Sur	face Occupa	33 tions Wage per Shift \$ \$ \$ \$ \$
Mill Sur Mill For Mill Shi Millmen Roustak	Classificat Classificat Derintendent Temen ft Bosses Douts	ifts ion o	perforn f Labor Total 8 hr	ned b	y all re Dres Wage \$	men em	ore s Tran Tean Time	Sorters Men Men Mekeepers Keepers	rfaced Other Sur	Total 8 hr. Shifts	ions Wage per Shift \$
Mill Sur Mill For Mill Shi Millmen Roustak	Classificat Classificat perintendent remen ft Bosses	ifts	perforn f Labor Total 8 hr	ned be in Or	y all re Dres Wage \$	men em	ore S Tran Tean Time Book	Sorters Men Men Mekeepers keepers keepers	rfaced Other Sur	Total 8 hr. Shifts	33 tions Wage per Shift \$ \$ \$ \$ \$
Mill Sup Mill For Mill Shi Millmen Roustak Machini Electric	Classificat Classificat perintendent remen ft Bosses pouts	ifts	perforn f Labor Total 8 hr	ned b	y all re Dres Wage \$	men em	ore S Tran Tean Time Book Store	Sorters Mills and Sorters Men nsters ekeepers ekeepers	rfaced Other Sur	Total 8 hr. Shifts	33 tions Wage per Shift \$ \$ \$ \$ \$
Mill Sup Mill For Mill Shi Millmen Roustak Machini Electric	classificat cerintendent cemen ft Bosses couts	ifts	perforn f Labor Total 8 hr	ned b	y all re Dres Wage \$	men em	ore S Tran Tean Time Book Store	Sorters Mills and Sorters Men nsters ekeepers ekeepers	rfaced Other Sur	Total 8 hr. Shifts	33 tions Wage per Shift \$ \$ \$ \$ \$
Mill Sur Mill For Mill Shi Millmen Roustab Machini Electric Carpent	classificat cerintendent cemen ft Bosses couts	ifts	perforn f Labor Total 8 hr	ned be in Or	y all re Dres wage \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	men em	Ore S Tran Tean Time Book Store Cook	Sorters Mills and Sorters Men nsters ekeepers ekeepers ekeepers	rfaced Other Sur	Total 8 hr. Shifts	33 tions Wage per Shift \$ \$ \$ \$ \$
Mill Sur Mill For Mill Shi Millmen Roustak Machini Electric Carpent	classificat cerintendent remen ft Bosses couts ians ians cers	ifts s ifts	perform f Labor Total 8 hr perform during	ned b	y all re Dres Wage 1 \$	men em ssing Pl per Shift	Ore S Tran Tean Time Book Store Cook Wait	Sorters Mills and Sorters Men nsters ekeepers ekeepers ekeepers ekeepers ekeepers	d Other Sur	Total 8 hr. Shifts	33 tions Wage per Shift \$ \$ \$ \$ \$
Mill Sur Mill For Mill Shi Millmen Roustak Machini Electric Carpent	classificat Classificat Derintendent Temen It Bosses Couts Tists	ifts s s ifts	perform f Labor Total 8 hr perform during 35,72	ned be in Or. Shifts	y all re Dres Wase 1 \$ \$ \$ \$ \$ \$ \$ y all ryear. I	men em ssing Pl per Shift men em f this c	Ore S Tran Tean Time Book Store Cook Wait	Sorters Mills and Sorters Men nsters ekeepers ekeepers ekeepers ekeepers d in Mil t be giv	d Other Sur	Total 8 hr. Shifts 240 240 Step, give ap	33 tions Wage per Shift \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Mill Sur Mill For Mill Shi Millmen Roustak Machini Electric Carpent Total or Total co	classificat Classificat Classificat Classificat Classificat Classificat Courter of the courter of shoot of operate of payrol Courter of the courter of shoot of operate of payrol Courter of the courter of shoot of operate of the courter of shoot of operate of the courter of the courter of shoot of operate of the courter of the	ifts s ion o ifts rep re	perform f Labor Total 8 hr perform during 35,72 ort c port	ned bein Or	y all representations of the presentation of t	men em ssing Pl per shift men em f this c	ore strant Team Book Store Cook Wait	Sorters Mills and Sorters Men nsters ekeepers ekeepers ekeepers ekeepers ekeepers ekeepers ekeepers ekeepers ekeepers	d Other Sur	Total 8 hr. Shifts 240 240 Step, give ap	dions Wage per Shift \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ proximately: District.
Mill Sur Mill For Mill Shi Millmen Roustak Machini Electric Carpent Total or Total co	classificat Classificat Derintendent Temen It Bosses Douts	ifts s ion o ifts rep re	perform f Labor Total 8 hr perform during 35,72 ort c port	ned be in Or . suitts	y all representations of the property of the p	men em ssing Pl per shift men em f this c	ore strant Team Time Book Wait ploye annothing the transfer of	Sorters Mills and Sorters Men nsters ekeepers ekee	lls, etc.	rface Occupation of the Rico	dions Wage per Shift \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ proximately: District. ict,
Mill Sur Mill For Mill Shi Millmen Roustak Machini Electric Carpent Total or Total co	classificat Classificat Classificat Classificat Classificat Counts Count	ifts s ifts rep rep re	perform f Labor Total 8 hr perform during 35,72	ned bein Or. Shifts ned bethe con 1	y all re Dres Waser \$ \$ \$ \$ \$ \$ \$ y all re year. If	men em ssing Pl per Shift men em f this c	ore sants, Ore sants, Tran Tean Time Book Store Cook Wait	Sorters Mills and Sorters Men nsters ekeepers ekee	lls, etc.	rface Occupation of the Rico line of the	dions Wage per Shift \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ proximately: District. ict,
Mill Sur Mill For Mill Shi Millmen Roustak Machini Electric Carpent Total or Total co	classificat Classificat Classificat Classificat Classificat Counts Count	ifts s ifts rep rep re	perform f Labor Total 8 hr perform during 35,72	ned bein Or. Shifts ned bethe con 1	y all re Dres Waser \$ \$ \$ \$ \$ \$ \$ y all re year. If	men em ssing Pl per Shift men em f this c	ore sants, Ore sants, Tran Tean Time Book Store Cook Wait	Sorters Mills and Sorters Men nsters ekeepers ekee	lls, etc.	rface Occupation of the Rico line of the	dions Wage per Shift \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ proximately: District. ict,
Mill Sur Mill For Mill Shi Millmen Roustak Machini Electric Carpent Total or Total co	classificat Classificat Classificat Classificat Classificat Counts Count	ifts s ifts rep re	perform f Labor Total 8 hr perform during 35,72	ned bein Or. Shifts ned bethe con 1	y all re Dres Waser \$ \$ \$ \$ \$ \$ \$ y all re year. If	men em ssing Pl per Shift men em f this c	ore sants, Ore sants, Tran Tean Time Book Store Cook Wait	Sorters Mills and Sorters Men nsters ekeepers ekee	lls, etc.	rface Occupation of the Rico line of the	dions Wage per Shift \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ proximately: District. ict,
Mill Sur Mill For Mill Shi Millmen Roustak Machini Electric Carpent Total or Total co	classificat Classificat Classificat Classificat Classificat Classificat Courte of the courte of the courte of operate of operate of the courte of the	ifts s s ifts rep rep nty	perform f Labor Total 8 hr perform during 35,72	ned bein Or	y all re Dres Wase 1 \$ \$ \$ \$ \$ \$ \$ y all re year. If	men em ssing Pl per Shift men em f this c	ore sants, Ore sants, Tran Tean Time Book Store Cook Wait	Sorters Mills and Sorters Men nsters ekeepers ekee	d Other Sur	Total 8 hr. Shifts 240 240 She Rico Sek Distr	dions Wage per Shift \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ proximately: District. ict,

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BLANKS SHOULD BE COMPLETELY FILLED OUT AND RETURNED BY FEBRUARY-1, 1939

METAL MINES AND MILLS

	Nam	e of Mine o	r Plant S	t. Louis	Tunnel		
County Parants	COUNT	Υ, Po	st Office	Rico	, Dist	rict Pion	eer
open i mon	RI	EPORT		COLORAD	OF MINE	:S	
OPERATOR.			POR INC 12	AR 1907			
Name of Compan Partnership or Individual Address of Princ Local Office	ipal Of	fice 722,	is Smelti Chestnut do		Louis, Mis	souri	
If incorporated, 1				Missouri			
II incorporateu, t	inder ti						
Names, titles as addresses of of cers, partners.	fi-						
Name and Addre	ss of Ov	wner Sa	me as ope				
	Names a		-				
If names of claims							
have been listed in previous reports.							
only changes, if any, need be given.						_	
· · · · · · · · · · · · · · · · · · ·	names (-			
[-						lotal agreeme	
Do you own thes						otal acreage	
Was your proper If you have give dress of the leas of part leased, no	n a leas ing con	se to others panies, pa	s for all or partnerships or	rt of the pro individuals,	perty, state th	ne names and the name or de	P. O. ad- escription
***		00 0000	********				
Is the work done	by yo	ur lessees	included in tl	nis report?		· · · · · · · · · · · · · · · · · · ·	
Have you a mill o				_			
List all improver	nents a	nd develop	ments made	during the pa	ast year		
Exte	nsion	of tun	nel, drif	ting & up	raises		
CRUDE OR SHI	PPING	ORE: No. t		UCTION Average gro		n \$	***************************************
Total value \$					=	=	
GoldSilver	0 z .	Zinc	%	Iron	%	Insoluble	%
MILLING ORE:							
Average gross va ferent metals as	follows	:					
Gold							
Silver		•			_		
CONCENTRATE							
ton						otal value \$	
Average grade c							
Gold							
Silver							-
State average co					\$, freight \$	·
milling \$	S	melting $_{-}$					

Tungsten	%	, amount		, value	e \$	Uraniun	1		%, am our
	, value \$		7	Vanadium_	%, an	nount	, va	lue \$	
Molybdenur	n	_%, amou	unt	 ,	value \$	F	luorspar		
amount	. va	lue \$							
, dillounio		4			•				
	7	MINE		LABOR	R DATA	1.0	IILL		
		Average Num	ber of Me	en	No. of	A	verage Num	ber of l	Men
No. of Days Operated Und	Em	ployed and Si	hifts Wo Surfa	orked	Days	Em ₁	oloyed and S	hifts W	Yorked No. of Shifts
		12	4	-31:	2	None			
	8	685		<u> lia</u>	4				
	CLASS	IFICATIO	N OF	LABOR	N AND ABO	OUT META	L MINI	ES	
		RGROUN					FACE		
		Total 8 hr.	Shifts \	Wage per Shift			Total 8 hr.	Shifts	Wage per Shift
Miners		1371	\$	5.25	Topmen.				\$
Machine Ru	nners		\$.		Engineers		26		\$ 5.50
Machine He	lpers	1	\$	4 00	Firemen				\$
Trammers &	& Muckers	5851		4.80	Machinists				\$
Fore Cagers Shi				6.00	Blacksmiths.		316 162		\$ 5.75 \$ 5.25
Timbermen Pumpmen			۲ \$ ه	5.25	Carpenters Superintende				\$ 5.25 \$
Electricians		~ ~	Ψ-	5.25	13 -				\$
Other Under			L \$	5.30	Foremen Ge Shift Bosses	Papor	690	<u> </u>	\$ 4.00
Total numb	er of shifts	performe	ed by n Ore	all men em	ployed under ployed on su lants, Mills an	ground 8	194 face Occ		ONS Wage per Shift
Total numb	er of shifts assification	of Labor i	n Ore	all men em Dressing Pl	ployed on su lants, Mills an	ground 8 rface 1 d Other Su	194 face Occ	upati	
Total numb Cla Mill Superin	er of shifts assification atendents	of Labor i	n Ore	all men em Dressing Pl Wage per Shift	oployed on su lants, Mills an Ore Sorters Tram Men	ground 8 rface 1 d Other Su	194 rface Occ	upati	
Total numb Cla Mill Superin Mill Foreme Mill Shift Be	er of shifts assification atendents on osses	of Labor i	n Ore	all men em Dressing Pl	ore Sorters Tram Men Teamsters	ground 8 rface 1 d Other Su	194 rface Occ	upati Shirts	
Mill Superin Mill Foreme Mill Shift B	er of shifts assification atendents	of Labor i	shifts v	all men em Dressing Pl Wage per Shift	ore Sorters Tram Men Teamsters Timekeepers	rface 1 d Other Su	194 rface Occ	upati Shirts	
Mill Superin Mill Foreme Mill Shift Be Millmen	er of shifts assification atendents on osses	of Labor i	ed by in Ore Shifts v \$\$	all men em Dressing Pl Wage per Shift	Ore Sorters Tram Men Teamsters Timekeepers Bookkeepers	rface 1 d Other Sur	194 rface Occ	upati Shirts	
Mill Superin Mill Foreme Mill Shift Be Millmen Roustabouts Machinists Electricians	er of shifts assification atendents on osses	Total 8 hr. 8	shitts v Shitts	all men em Dressing Pl Wage per Shift	Ore Sorters Tram Men Teamsters Timekeepers Bookkeepers Storekeepers Cooks	rface 1 d Other Su	194 face Occ	upati Shirts	
Mill Superin Mill Foreme Mill Shift Be Millmen Roustabouts Machinists	er of shifts assification atendents on osses	Total 8 hr. 8	shitts v Shitts	all men em Dressing Pl Wage per Shift	Ore Sorters Tram Men Teamsters Timekeepers Bookkeepers Storekeepers	rface 1 d Other Su	194 face Occ	upati Shirts	
Mill Superin Mill Foreme Mill Shift B Millmen Roustabouts Machinists Electricians Carpenters	er of shifts assification atendents on osses	Total 8 hr. 8	ed by in Ore shifts v s F S S S S S S S S	all men em Dressing Pl Wage per Shift	Ore Sorters Tram Men Teamsters Bookkeepers Storekeepers Cooks Waiters	rface 1 d Other Sur	194 face Occ	upati	Wage per Shift \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Mill Superin Mill Foreme Mill Shift Be Millmen Roustabouts Machinists Electricians Carpenters Total numb	er of shifts assification atendents osses	N O N	shirts v shi	all men em Dressing Pl Wage per Shift all men em	Ore Sorters Tram Men Teamsters Timekeepers Storekeepers Cooks Waiters	rface 1 d Other Su	194 face Occ	upati	Wage per Shift \$ \$ \$ \$ \$ \$ \$
Mill Superin Mill Foreme Mill Shift Be Millmen Roustabouts Machinists Electricians Carpenters Total numb	er of shifts assification atendents osses	N O N	shirts v shi	all men em Dressing Pl Wage per Shift all men em	Ore Sorters Tram Men Teamsters Bookkeepers Storekeepers Cooks Waiters	rface 1 d Other Su	194 face Occ	upati	Wage per Shift \$ \$ \$ \$ \$ \$ \$
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Mill Superin Mill Superin Mill Foreme Mill Shift Be Millmen Roustabouts Machinists Electricians Carpenters Total numb Total cost of	er of shifts assification atendents on osses er of shifts of operation Labor	N O N s performe	shifts v shi	all men em Dressing Pl Wage per Shift all men em ar. If this o	Ore Sorters Tram Men Teamsters Bookkeepers Storekeepers Cooks Waiters aployed in Micannot be given	rface 1 d Other Sur N O	194 face Occ	upati	Wage per Shift \$ \$ \$ \$ \$ \$ \$
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Mill Superin Mill Superin Mill Foreme Mill Shift Be Millmen Roustabouts Machinists Electricians Carpenters Total numb Total cost of	er of shifts assification atendents osses er of shifts of operation Labor All ot Total	Performed to the performed services during the performance d	ed by n Ore shifts v shifts v \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	all men em Dressing Pl Wage per Shift all men em ar. If this o	Ore Sorters. Tram Men. Teamsters. Bookkeepers. Storekeepers. Cooks. Waiters. ployed in Micannot be gives 349,767.00 34,879.00	rface 1 d Other Sur N O	194 face Occ Total 8 hr. N E	upati shirts	Wage per Shift \$ \$ \$ \$ \$ \$ \$
Mill Superin Mill Superin Mill Foreme Mill Shift Be Millmen Roustabouts Machinists Electricians Carpenters Total numb Total cost of Remarks:	er of shifts assification atendents osses er of shifts of operation Labor All ot Total	Performed Labor in Total 8 hr. s	shifts v shi	all men em Dressing Pl Wage per Shift all men em ar. If this c	Ore Sorters Tram Men Teamsters Timekeepers Storekeepers Cooks Waiters aployed in Mi cannot be give 349,767.00 34,879.00	rface 1 d Other Sur N O	194 face Occ Total 8 hr. N E	upati shirts	Wage per Shift \$ \$ \$ \$ \$ \$ \$ \$ \$ proximately
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milling \$____, smelting \$___





BLANKS SHOULD BE COMPLETELY FILLED OUT AND RETURNED BY FEBRUARY 1, 1938

METAL MINES AND MILLS

	Name of Mine or Pl	antSt	. Louis Tu	nnel		-
County Dol	ores, Post O	ffice		, Dist	rict	
	REPORT T	O BUI	REAU OF	MINE	S	
			COLORADO			
OPERATOR.		R THE YEAR				
Name of Compan						
Partnership or Individual	ipal Office 722 Ch	estnut S	Street, St.	Louis,	Missouri.	
Address of Princ Local OfficeF	ipal Office					
	under the laws of wha	t state?	Missouri		·	
	I^{\cdot}					
Names, titles anddresses of of						
ers, partners.	1					
	(,			
Name and Addre	ss of Owner					
	Names and Numbers o	f notontod	oloima			
- 1	names and Numbers of					
1						
previous reports,						
	Names of unpatented c	laims				
{-						
\ . · \.	se claims, or do you c				Cotal acreage	
ress of the leas of part leased, no	No				the name or des	
	by your lessees inclu		_			
have you a mill (or reduction works?		I so, wnat is its	cnaracter	and capacity?	
List all improve	nents and developmen	ıts made d	uring the past	vear		
=			- , -	-		
		PRODU	CTION			
CRUDE OR SHI	PPING ORE: No. tons.	175	Average gross	value per to	n \$ 47.30	
Fotal value \$8.2	279.16 Average g	rade of diff	erent metallic o	ontent in o	res as follows:	
Gold 0.159	oz. Lead 15.5 Zinc 20.5	·····%	Copper	1.0 %	Sulphur 5	7 %
MILLING ORE:	Tons milled None	% Milling	Tron	Joved	Insoluble	%
	lue per ton crude ore i					
	_oz. Lead	%	Copper	%	Sulphur	 %
	oz. Zinc					
	S: No. tons concentra					
	s into 1. Average value			, Ì	otal value \$	
	oncentrates in the diff			M	C-1-1	
	oz. Lead oz. Zinc					-
	sts per ton for mining					•

work only)





Tungsten	_%, amoun	t		., valu	e \$		Uraniun	1		%, amoun
, value	\$. Vana	dium_		%, am	ount	, va	lue S	3
Molybdenum	%, amo	ount_		 ,	value	\$	F	luorspar.		⁹ %
amount,	value \$									
,	ναιαυ ψ					ं है। - क				
	MINE		1	LABOR	R DA	TÀ	M	INDADX C)the	er Surfac
No. of Days	Average Nui Employed and					No. of Days	A Em	verage Num ployed and S	ber of hifts V	Men Vorked
Operated Underground	No. of Shifts		rface	No. of 8		Operated	No. of	Men		No. of Shifts
180 31	5609		2	365	5 .	180	2			371
	SSIFICATI DERGROUI)F LA	BOR I	N A	ND ABO		L MINI FACE	ES	
	Total 8 hr	. Shifts	Wage	er Shift		<i>3</i>		Total 8 hr.	Shifts	Wage per Shift
Miners	168	38	\$ 5.	25	Topr	nen		29)	\$ 5.25
Tachine Runners			\$		-			14	<u> </u>	\$ 5.25
fachine Helpers			\$		łi –					\$
rammers & Mucker			\$_4.	75	Mac	hinists		138	3	\$ 4.75
agers			\$		11			160)	\$ 5.75
imbermen	ו זו	35	\$_5.	25	ll .					\$
umpmen			\$		Supe	rintende	nts	1		\$
lectricians		56	\$ 5.		11	men				\$
ther Underg'nd Lab	or 33	24	\$ 5.	25	Shir	t Bosses	Other	24	<u> </u>	\$ 4.25
	fts perforn	ed b	y all n	nen em	ploye	d under	rface	5609 365 face Occ	upat	ions
otal number of shi	fts perforn	in Or	y all n	nen em	ploye	d under	rface	365	-	
Cotal number of shi Classification	fts perforn on of Labor	in Or	y all n	nen em	ants;	ed under d on sur Mills-and	rface	365	-	
Classification Classification Gill Superintendents	fts perform on of Labor Total 8 hr.	in Or	y all n	nen em	ore S	d under d on sur Mills and	rface I Other Sur	365	-	
Classification Classification fill Superintendents fill Foremen	fts perform on of Labor Total 8 hr.	in Or	y all n e Dres wage p \$	nen em	ore S	ed under d on sur Mills and	rfacel Other Sur	365 face Occ	Shifts	
Classificatio Classificatio Mill Superintendents Mill Foremen Mill Shift Bosses	fts perform on of Labor Total 8 hr.	in Or	y all n e Dres wage p \$	nen em	Ore S Tran	d under d on sur Mills-and Sorters Men	rface	365 face Occ	Shifts	
Classification Classification	fts perform on of Labor	in Gr	y all n e Dres wage p \$	nen em	Ore S Tran Tean Time	d under d on sur Mills and Sorters n Men nsters	offace	365 face Occ	Shifts	
Classification Classification Mill Superintendents Mill Foremen Mill Shift Bosses Millmen Roustabouts Machinists	fts perform on of Labor Total 8 hr.	in Or	y all n e Dres wage p \$	nen em	Ore S Tran Tean Time Book	Mills and Sorters Men nsters ekeepers ekeepers	d Other Sur	365 face Occ	Shifts	
Classification Classification	fts perform on of Labor Total 8 hr.	in Or	y all n e Dres Wage p \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	nen em	Ore S Tran Tean Time Book Store	Sorters Men Men Sekeepers keepers	d Other Sur	365 face Occ	Shifts	
Classification Classification Mill Superintendents Mill Foremen Mill Shift Bosses Millmen Roustabouts Machinists Electricians	fts perform on of Labor Total 8 hr.	in Or	y all n e Dres wage p \$	nen em	Ore S Tran Tean Time Book Store	Sorters Men Men Sekeepers keepers	d Other Sur	365 face Occ	Shifts	
Classification Classification Mill Superintendents Mill Foremen Mill Shift Bosses Millmen Roustabouts Machinists Electricians Carpenters Varehouse man Total number of shi	fts perform on of Labor Total 8 hr. 3' 25 fts perform	shifts	y all n e Dres wasep \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	nen em sing Pi or Shift 25 50 nen em	Ore S Tran Tean Time Book Store Cook Wait Oth	Sorters Men Men Meeters keepers keepers keepers keepers	other Sur	365 face Occ Total 8 hr. 1	Shifts	Wage per Shift \$
Classification Classi	fts perform on of Labor Total 8 hr. 3' 25 fts perform ons during \$40,000	shifts	y all n e Dres wage p \$ \$ \$ \$ \$ \$ \$ \$ \$ y all n y all n y all n	nen em sing-Pl or shin 25 50 nen em	Ore S Tran Tean Time Book Store Cook Wait Oth	Sorters Men Men Meeters ekeepers ekeepers ekeepers ekeepers d in Mit	is, etc. oth	365 face Occ Total 8 hr. 1	Shifts	Wage per Shift \$
Classification Classi	fts perform on of Labor Total 8 hr. 3' 25 fts perform ons during \$40,000	shifts	y all n e Dres wage p \$ \$ \$ \$ \$ \$ \$ \$ \$ y all n y all n y all n	nen em sing-Pl or shin 25 50 nen em	Ore S Tran Tean Time Book Store Cook Wait Oth	Sorters Men Men Meeters ekeepers ekeepers ekeepers ekeepers d in Mit	is, etc. oth	365 face Occ Total 8 hr. 1	Shifts	Wage per Shift \$
Classification Classi	fts perform on of Labor Total 8 hr. 3' 25 fts perform ons during \$40,000	shifts in Or shifts hed by the younger	y all n e Dres Wage p \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ y all n year. If	nen em sing Pl or Shift 25 50 nen em f this c	Ore S Tran Tean Time Book Store Cook Wait Oth	Sorters Men Men Meeters ekeepers ekeepers ekeepers ekeepers d in Mit	is, etc. oth	365 face Occ Total 8 hr. 1	Shifts	Wage per Shift \$
Classification Classi	fts perform on of Labor Total 8 hr. 3' 25 fts perform ons during \$40,000	shifts in Or shifts hed by the younger	y all n e Dres Wage p \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ y all n year. If	nen em sing Pl or Shift 25 50 nen em f this c	Ore S Tran Tean Time Book Store Cook Wait Oth	Sorters Men Men Meeters Ackeepers Ackee	is, etc. oth	365 face Occ Total 8 hr. 1	Shifts	Wage per Shift \$
Classification Classification Mill Superintendents Mill Foremen Mill Shift Bosses Millmen Roustabouts Machinists Clectricians Carpenters Varehouse man Total number of shi Rotal cost of operati Approximately Remarks:	fts perform on of Labor Total 8 hr. 3' 25 fts perform ons during \$40,000	shifts in Or shifts hed by the younger	y all n e Dres Wage p \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ y all n year. If	nen em sing Pl or Shift 25 50 nen em f this c	Ore S Tran Tean Time Book Store Cook Wait Oth	Sorters Men Men Meeters Ackeepers Ackee	is, etc. oth	365 face Occ Total 8 hr. 1	Shifts	Wage per Shift \$
Classification Classification Mill Superintendents Mill Foremen Mill Shift Bosses Millmen Roustabouts Machinists Electricians Carpenters Jarehouse man Total number of shi Rotal cost of operati Approximately Remarks:	fts perform on of Labor Total 8 hr. 3' 25 fts perform ons during \$40,000	shifts in Or shifts hed by the younger	y all n e Dres Wage p \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ y all n year. If	nen em sing Pl or Shift 25 50 nen em f this c	Ore S Tran Tean Time Book Store Cook Wait Oth	Sorters Men Men Meeters Ackeepers Ackee	is, etc. oth	365 face Occ Total 8 hr. 1	Shifts	Wage per Shift \$
Classification Classification Mill Superintendents Mill Foremen Mill Shift Bosses Millmen Roustabouts Machinists Carpenters Marehouse man Total number of shi Rotal cost of operati Approximately Remarks:	fts perform on of Labor Total 8 hr. 3' 25 fts perform ons during \$40,000	shifts in Or shifts hed by the younger	y all n e Dres Wage p \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ y all n year. If	nen em sing Pl or Shift 25 50 nen em f this c	Ore S Tran Tean Time Book Store Cook Wait Oth	Sorters Men Men Meeters Ackeepers Ackee	is, etc. oth	365 face Occ Total 8 hr. 1	Shifts	Wage per Shift \$
Mill Superintendents Mill Foremen Mill Shift Bosses Millmen Roustabouts Machinists Electricians Carpenters Varehouse man Total number of shi Total cost of operati Approximately Remarks:	fts perform on of Labor Total 8 hr. 3' 25 fts perform ons during \$40,000	shifts ned by the y	y all ne Dres Wage p \$ \$ \$ \$ \$ \$ \$ \$ y all n year. If	nen em sing Pl or Shift 25 50 nen em f this c	Ore S Tram Team Time Book Store Cook Wait Oth	Sorters Mills and Sorters Men nsters ekeepers ekeepers ers er d in Mil	is, etc. oth	365 face Occ Total 8 hr. 309 er sur ely, give	Shifts	Wage per Shift \$
Classification Classification Mill Superintendents Mill Foremen Mill Shift Bosses Millmen Roustabouts Machinists Carpenters Jarehouse man Total number of shi Rotal cost of operati Approximately Remarks:	fts perform on of Labor Total 8 hr. 3' 25 fts perform ons during \$40,000	red by in Or	y all ne Dres Wage p \$ \$ \$ \$ \$ \$ \$ \$ y all n year. If	nen em sing-Pi or Shift 25 50 nen em f this c	Ore S Tram Team Time Book Store Cook Wait Oth	Sorters Men Men Meeters Ackeepers Ackee	is, etc. oth	365 face Occ Total 8 hr. 309 er sur ely, give	Shifts	Wage per Shift \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$



BLANKS SHOULD BE COMPLETELY FILLED OUT AND RETURNED BY FEBRUARY 1, 1938

METAL MINES AND MILLS

236

only

	Nam	e of Mine or	Plant 7 St.	Louis Tu	unnel		
County Do	lores	, Post	: Office		, Dis	trict	
	R	EPORT	TO BU	REAU C	F MINE	ES	
			STATE OF				
OPERATOR.			FOR THE YEA	m/19/3/ 1940)		
Name of Compa Partnership or Individual	}		•			Nii aaanni	
						, Missouri	

n incorporated	, under t						
Names, titles addresses of cers, partners.	offi- ل						
Name and Addr	ess of O	wner					·
	1						
If names of claims	1			•			
have been listed in previous reports, only changes, if	./					Total acreage	
	\ 					Total acreage	
Do vou own th	ese clair						
If you have gived dress of the leased,	ven a leas asing cor next belo	se to others npanies, part ow:	for all or par	t of the prop ndividuals, to	perty, state together with	he names and P the name or des	
		**	······································		*		
				-		and capacity?	
List all improv	ements a	and developn					
		***************************************	PRODU				
CRUDE OR SH	IPPING	ORE: No to	ns 73	Average gros	s value nor t	on \$ 27.55	
Total value \$2.					_		
						SulphurInsoluble	% 07.
	value per	ton crude or				crude ore mille	
Gold	oz.	Lead	%	Copper	·····%	Sulphur	<i>%</i>
						Insoluble	
CONCENTRAT	TES: No.	. tons concer	itrates obtain	ed from ores	milled	Ratio of re	duction
to	ns into 1	l. Average va	lue per ton co	ncentrates \$.	···································	Total value \$	
Average grade				•			
Gold			%			Sulphur	•
Silver		Zinc				Insoluble	•
State average of milling \$, hauling	\$	_, freight \$	······································





		,_,	amoun	t		, valu	e \$		Uraniu	m		%, amoun
	, value	\$. Vans	dium		%, an	ount	, V	alue \$	
	num		.%, amo	ount_		,	value	\$		Fluorspar	•	%
amount		valı	ıe \$									
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		м	INE		:	LABOR	R DA	TA	,	MIKKY (ንሞዡፑር	R SURFAC
No of		A	verage Nu	mber of	Men			No. of		Average Nun	aber of	Men
No. of Days Operated	Underground	Emp	of Shifts	Shifts \	Worked rface	No. of 8	Shifts	Days Operated		nployed and a	Shifts V	Vorked No. of Shifts
50	20		.006		<u>-</u>		4	-50	7			٥-
					2	142						
	CT A	CCT	DICATI	ON (T I A	DOD 1	TNY A	ND ADO	ATTOR MOTEON	AL MIN	FC	
			GROUI		JF LA	LBUR I	IN A	ND ADO		RFACE	es Es	
			Total 8 hr	. Shifts	Wage	per Shift		_		Total 8 hr.	Shifts	Wage per Shift
Miners			334	<u> </u>	\$ 5.	25	Topi	nen				\$
Machine I	Runners				\$		Eng	ineers				\$
Machine I	Helpers				\$		Fire	men				\$
Frammer	s & Mucker	rs	594	Ł	\$_4.	75	Mac	hinists				\$
_			1		\$	0.5	11			٠ -		\$ 5.75
	en		1		\$ 5.		11 -			•		\$ 5.25
	n				\$ \$_5.		11 -		ents			\$
	derg'nd La						11		Other	1		\$ 4.00
otal nun	mber of sh mber of sh Classificati	ifts	perforn	ned b	y all 1	men em	ploye	d on su	rface	-65	14:	4
Fotal nun Fotal nun	mber of sh	ifts	perforn	ned b	y all 1	men em	ploye	d on su	rface	-65	14:	ions
Total nun Total nun (mber of sh Classificati	ifts ion o	perforn f Labor	ned b	y all i	men em	ore s	d on su	rface d'Other S	Total 8 hr.	14.	ions
Total nun Total nun Mill Super Mill Forer	mber of sh Classificati rintendents men	ifts ion o	perform f Labor Total 8 hr.	ned b in Or . shifts	y all 1 wase wase \$	men em	Ore :	Milisan Sorters	rface d'Other S	-65 urface Occ	14:	ions
Total nun Total nun Mill Super Mill Forer Mill Shift	classificati	ifts	perforn f Labor Total 8 hr.	ned b	y all 1 Wase 1	men em	Ore S Tran	Mills and Sorters Men	rface	-65 urface Occ	14:	ions
Fotal nun Fotal nun Mill Super Mill Forer Mill Shift Millmen	rintendents men	ifts	perforn f Labor Total 8 hr.	ned b	y all 1 ***The state of the st	men em	Ore S Tran Tean Time	Sorters Men nsters ekeepers	rface	Total 8 hr.	14:	ions Wage per Shift \$ \$ \$ \$
Fotal nun Fotal nun Mill Super Mill Forer Mill Shift Millmen Roustabor	classificati	ifts	perforn f Labor Total 8 hr.	ned b	y all 1 ***The state of the st	men em	Ore S Tran Tean Time Book	Sorters Men Msters ekeepers	rface	Total 8 hr.	14:	ions
Total nun Total nun Mill Super Mill Forer Mill Shift Millmen Roustabou	rintendents men	ifts ion o	perforn f Labor Total 8 hr.	ned b	y all 1 ***The state of the st	nen em	Ore S Tran Tean Time Book	Sorters Men Men Meepers keepers keepers	rfaced'Other S	Total 8 hr.	14:	ions Wage per Shift \$ \$ \$ \$
Total nun Total nun Mill Super Mill Forer Mill Shift Millmen Roustabou Machinist	rintendents men Bosses uts	ifts	perform f Labor Total 8 hr.	ned b	y all 1 ***The state of the st	nen em	Ore and Trans Team Time Book Store Cook	Sorters Men ekeepers ekeepers	rface	Total 8 hr.	14. cupat	ions Wage per Shift \$ \$ \$ \$

IMPORTANT

BLANKS SHOULD BE COMPLETELY FILLED OUT AND RETURNED BY, FEBRUARY 1,

METAL MINES AND MILLS

Name of Mine or Plant St. Louis Tunne

County_____Dolores______, Post Office________, District

		PORT					
ODED IMOD		-	TAIL OF (COLORADO			
OPERATOR.	3		OK THE TEX	K 18977			
Name of Compa Partnership or	.ny, <u>s</u>	t. Louis	Smeltin	g & Refin	ing Compa	ıny	
Individual Address of Prin	J Icipal Offi	ice 722	Chestnu	t Street,	St. Loui	s, Missour	<u>1</u>
Local Office	Rico,	Colorado)				
If incorporated,	under th	e laws of wh	at state?	Missouri			
Names, titles a addresses of o cers, partners.	and offi-						
. 1		nd Numbers	-				
if names of claims have been listed in	\			,			
previous reports, only changes, if	\	_				Total acreage	
any, need be given.	Names of						
	(T-4-1	
Oo you own the	ogo oloimu				Own	Total acreage	
		panies, partn	_	t of the proposition	• .	the name or des	cription
f part leased, r	next below	panies, partn w: 	erships or i	ndividuals, to	gether with		
f part leased, r s the work dor Have you a mill List all improve	ne by you or reduct	panies, partn w: ur lessees inc. tion works? nd developme	erships or i	is report?	ts character	the name or des	
s the work dor Have you a mill List all improve	ne by you or reduct	panies, partn w: ur lessees incition works? nd developme	erships or i	is report?	ts character t year	and capacity?	
f part leased, respectively. It is the work dor have you a mill list all improve that all improve the control of the control o	ne by you or reduct ements an IPPING 05,764.0	panies, partn w: ur lessees inc tion works? nd developme ORE: No. tons	erships or i	is report?	ts character t year value per to	and capacity?on \$_17.94	
s the work dor Have you a mill List all improve CRUDE OR SHI Fotal value \$25 Gold •006 Silver 3.88	ne by you or reduct ements ar iPPING 05,764.0	panies, partn w: or lessees inc. tion works? ond developme or lessees inc. it lessees inc. or lessees i	erships or i	is report?	ts character t year content in o	and capacity?	%
s the work dor Have you a mill List all improve CRUDE OR SHI Fotal value \$25 Gold •006 Silver 3.88	ne by you or reduct ements ar iPPING 05,764.0	panies, partn w: or lessees inc. tion works? ond developme or lessees inc. it lessees inc. or lessees i	erships or i	is report?	ts character t year content in o	and capacity?	%
s the work dor s the work dor Have you a mill List all improve CRUDE OR SHI Total value \$25 Gold	iPPING 0 764.0 2. Tons mivalue per f	panies, partn w: Ir lessees inc. tion works? In development ORE: No. tons ORE: No. tons ORE: Average of the constant of the	erships or i	is report? If so, what is in the past of	ts character t year content in o	and capacity?on \$_17.94	%
s the work dor Save you a mill List all improve CRUDE OR SHI Cotal value \$25 Gold .006 Silver 3.88 MILLING ORE Average gross verent metals as	iPPING 0 or 764.0 oz. Tons mi	panies, partn v: or lessees inc. tion works? nd developme ORE: No. tons 7. Average of the control of the	erships or i	is report? If so, what is interest in the past in the	ts character t year content in o	and capacity?on \$_17.94 ores as follows: SulphurInsoluble	% % d in dif-
s the work dor s the work dor Have you a mill List all improve CRUDE OR SHI Fotal value \$25 Gold •006 Silver 3.88 MILLING ORE Average gross value as Gold	iPPING 0 764.0 oz. zlue per 6 s follows:	panies, partn w: ar lessees inc. tion works? and developme ORE: No. tons OT. Average a Lead 10.3 Zinc 14.3 illed ton crude ore	erships or i	is report? If so, what is in the past of	ts character t year content in o	and capacity?	%
s the work dor Is the wore dor Is the work dor Is the work dor Is the work dor Is the	iPPING 0 or reduct ements and iPPING 0 or 764.0 column oz.	panies, partn v: or lessees inc. tion works? nd developme ORE: No. tons 17. Average of 10.3 Zinc 10.3 Lead 10.3 Lead 10.3 Zinc 14.5 illed 10.3	erships or i	is report? If so, what is including the past OCTION Average gross Ferent metallic Copper Tron Copper Iron Iron Iron	ts character t year content in o	and capacity? on \$ 17.94 ores as follows: Sulphur Insoluble crude ore mille	%%%
s the work dor Have you a mill List all improve CRUDE OR SHI Total value \$25 Gold	iPPING 0 or reduct ements ar iPPING 0 oz. oz. zalue per te s follows: coz.	panies, partn w: ar lessees inc. tion works? and developme DRE: No. tons To Average a Lead 10.3 Zinc 14.3 illed ton crude ore Lead Zinc tons concent Average value	PRODUS 1436 grade of diff 34 % % % % % % % % % % % % % % % % % %	is report? If so, what is interest in the past in the	ts character t year content in o 17 ployed verage grade % milled	and capacity? and spacity? and spacity? and spacity? and spacity? and capacity? and capaci	%%% ed in dif-
crude or shift of part leased, respectively. Total value \$25 Gold .006 Silver .3.88 MILLING ORE Average gross verent metals as Gold	IPPING Of 764.0 ozozozozozozozozozozoz.	panies, partn w: or lessees inc. tion works? ond developme ORE: No. tons 7. Average a Lead 10.3 Zinc 14.3 illed ton crude ore Lead Zinc tons concent Average valuates in the difference.	erships or i	is report? If so, what is interest in the past in the	ts character tyear value per to content in o 17 nployed verage grade % milled ""	and capacity? and capacity? on \$ 17.94 ores as follows: Sulphur Insoluble crude ore mille Sulphur Insoluble crude of reforation of reforation value \$	%%% ed in dif-
crude or shift of silver or silver o	iPPING 0 764.0 oz. zlue per 6 s follows: oz. concentra oz.	panies, partn w: ar lessees inc. tion works? and developme DRE: No. tons To Average a Lead 10.3 Zinc 14.3 illed ton crude ore Lead Zinc tons concent. Average valuates in the diffused	erships or i	is report? If so, what is incompared from ores incompared from ores incompared from compared from c	ts character t year content in o 17 nployed verage grade % milled	and capacity? and capacity? on \$ 17.94 ores as follows: Sulphur Insoluble Crude ore mille Sulphur Insoluble Crude of reforat value \$ Sulphur Sulphur	d in dif-
crude of shift and sold as the work dor share you a mill crude of shift all improve sold as the shift and sold as the shift and shift as the shift and shift as the shift as t	IPPING Of the property of the	panies, partn w: or lessees inc. tion works? ond developme lead 10.3 Zinc 14.3 illed ton crude ore Lead Zinc tons concent Average valuates in the difference in the differe	erships or i	is report? If so, what is interest in the past in the	ts character t year verage grade werage grade milled % % milled % % % % % % % milled % % % % % % % % % % % % %	and capacity? and capacity? on \$ 17.94 ores as follows: Sulphur Insoluble Crude ore mille Sulphur Insoluble Crude of reforat value \$ Sulphur Sulphur	%%% eduction%





Tungste	en	%,	amoun	t		, value \$		Uraniu	m	%, amount
	, value	\$. Vana	dium	%, am	ount	, value	\$
Molybd	enum		_%, am	ount_		, valu	e \$		Fluorspar	 %,
amount		vali	ıe \$							
411104110	·									
		M	INE]	LABOR DA	TA	3	MHLL Othe	er Surface
No. of	1		verage Nu	mber of	Men		No. of		Average Number o	f Men
Days Operated	Underground		of Shifts	1	worked rface	No. of Shifts	Days Operated		f Men	No. of Shifts
273	19		5255		1	379	273		1	295
			FICATI		OF LA	BOR IN A	ND ABO		AL MINES RFACE	
	UN	DEF	Total 8 hr		Wage	per Shift	· 	80	Total 8 hr. Shift	Wage per Shift
			151	·	\$ 5.2				_	
	e Runners				\$ <u>5</u> \$					Q
	e Kunners e Helpers		}		\$	ll ll				S.
	ers & Mucke		336	6	\$ 4.	75				- φ
					\$	- 11				\$5.75
_	men		-	31	\$ 5.	25Car	penters		11	\$5.25
_	en		ì	9 .	\$ \$ 5.	O E		nts		\$
	ians Inderg'nd La				\$ 5.0		emen t Bosses_		105	\$ 4.75
	umber of sh								5255	_'Ф
Mill Sun	erintendent		Total 8 hr		Wage I		Sortora	·····	Total 8 hr. Shift	Wage per Shift
_	emen				\$	- 11				\$
Mill Shi	ft Bosses				\$	Tea	msters			\$
Millmen					\$	Tim	ekeepers.			\$
	outs				\$	ll I	_			\$5.00
	sts ians				\$ \$	13	-			\$
	ers				\$	- 11		**************		. S
					\$					\$
		ions	during	the y	year. I	f this canno			ately, give ap	
Remark	ks:									
										
			.··			· · · · · · · · · · · · · · · · · · ·			***************************************	
								•		
Dated a	st. I	ou:	is, M	isso	uri	, S	Signed ST	.LOUIS	SMELTING	& REFINI
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							 /	/	Secretar	y
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IMPORTANT

BLANKS SHOULD BE COMPLETELY FILLED OUT AND RETURNED BY MARCH 1, 194.8...

METAL MINES AND MILLS

	Name of	Mine or Plan	t ST. LO	IIS TUNNEI	·	********	
County Do.	lores	, Post O	ffice		, District.	,	
·	F		TO BUR STATE OF C For the Ye		MINES	e de se	
OPERATOR Name of Company,	Part-	RICO A	RGENTINE N	IINING COMPA	NY		
nership or Individ Address of Princip	uai)	. 300 6		eet, S _a lt L			
-							
		•					
Names, titles and addresses of Officers, Partners, Individuals	·	••••••	See No.	155			
only charges 40					-		
-	•				_		
						ss of said lessees, to	
=		_		_			
	****************	·····	······································			•	
Is the work done h	y your les	ssees included	in this repo	rt?			
			_			capacity ?	
List all improvement old working	nts and de	evelopments m	ade during	the yearC	leaning up	and retimbering	
Address of Owner		SALT LAKE C	ITY, UTAH				
			PRODU				
				_	_	on \$	•••••
Total value \$							
Gold			•		•	Sulphur Fluorspar	•
						Molybdenum	
_	•		•		· ·		
Average gross valumetals as follows:	ie per ton	crude ore mill	ed \$	Ave	rage grade cri	ide ore milled in dif	ferent
Gold			•		•	Sulphur	•
Silver		Zine	,		%	_	
Tungsten			•	Uranium	•	Molybdenum int: Gold	•
BULLION: Sold, to	, o, s, mm	o or orner bigg	v (IOPOT SHIOL		OZ.

	RATES: No. to			•				
Average gr	into one. A	verage values s in the diffe	per ton concerent metals as	entrates \$s follows:	Tot	tal value \$		
Gold	oz.	Lead	%	Copper	%	Sulphur		
Silver	0z.	Zinc%		Iron%		Fluorspa	ar	
Tungsten	%	Vanadinm	%	Uranium	%	Molybde	num9	
_	RODUCTION :		,		•		•	
				•				
		munug 4		smerting a		rotar average	e cost per to	
\$								
	MINE				R DATA MILL			
No. of Dnys Operated	Average Number of Men Employed			No. of	Average Nu	Average Number of Men Employed		
	Underground Surface		Surface	Days Operated	<u> </u>	No. of Men		
91	6		1				84 I	
		SIFICATION ROUND	OF LABOR	IN AND ABOU	T METAL MI SURF.		•	
		Total 8 Hr. Shifts	Wage Per Shift			Total 8 Hr. Shifts	Wage Per Shift	
Miners			\$. Topmen			. \$	
Machinemen			1	Hoistmen		·	. \$	
Machine Helpers				Firemen			. \$	
Trammers & Muckers		ŀ		H			1	
Cagers & Skippers Timbermen		277	\$9.16	Framer Carpenters		91	\$ 9.16	
Pumpmen.			1	Superintendents		·····	. \$	
	······································		\$::	Foremen			\$	
Other Under				11				
Owner Onder	g'nd Labor		. \$	Shift Bosses	ſ		\$	
oviier onder			LABOR IN O	Shift Bosses		ID MILLS	\$	
Oviici Onder		Total S Hr.	1			Total 8 Hr.	Wage Per	
	CLASSIFIC	ATION OF	LABOR IN O	RE DRESSING	PLANTS AN		Wage Per Shift	
Superintende	CLASSIFIC	Total S Hr.	1	RE DRESSING	PLANTS AN	Total 8 Hr. Shifts	Wage Per Shift	
Superintende Foremen	CLASSIFIC	Total S Hr.	Wage Per Shift	Trammen	PLANTS AN	Total 8 Hr.	Wage Per Shift	
Superintende Foremen Shift Bosses	CLASSIFIC	Total 8 Hr.	Wage Per Shift	Trammen Truckers	PLANTS AN	Total 8 Hr. Shifts	\$	
Superintende Foremen Shift Bosses Millmen Roustabouts.	CLASSIFIC	Total 8 Hr.	Wage Per Shift \$	Trammen Truckers Teamsters Timekeepers Bookkeepers	PLANTS AN	Total 8 Hr. Shifts	\$	
Superintende Foremen Shift Bosses Millmen Roustabouts. Machinists	CLASSIFIC	Total 8 Hr. Shifts	Wage Per Shift	Trammen Truckers Teamsters Timekeepers Bookkeepers	PLANTS AN	Total S Hr. Shifts	\$	
Superintende Foremen Shift Bosses Millmen Roustabouts. Machinists Electricians	CLASSIFIC	Total 8 Hr. Shifts	Wage Per Shift	Trammen Truckers Teamsters Timekeepers Bookkeepers Cooks	PLANTS AN	Total S Hr. Shifts	\$	
Superintende Foremen Shift Bosses Millmen Roustabouts. Machinists Electricians. Carpenters	CLASSIFIC	Total 8 Hr. Shifts	Wage Per Shift	Trammen Tramsters Timekeepers Bookkeepers Storekeepers Cooks Waiters	PLANTS AN	Total S Hr. Shifts	\$	
Superintende Foremen Shift Bosses. Millmen Roustabouts. Machinists Electricians. Carpenters Ore Sorters.	CLASSIFIC	Total 8 Hr. Shifts	### Wage Per Shift \$	Trammen Tramsters Teamsters Timekeepers Storekeepers Cooks Waiters	PLANTS AN	Total S Hr. Shifts	\$	
Superintende Foremen Shift Bosses Millmen Roustabouts. Machinists Electricians. Carpenters Ore Sorters Total numb	classific	Total 8 Hr. Shifts ormed by all	*** *** *** *** *** *** *** *** *** *** *** *** ** *** *	Trammen	PLANTS AN	Total S Hr. Shifts	\$	
Superintende Foremen Shift Bosses Millmen Roustabouts. Machinists Electricians. Carpenters Ore Sorters	CLASSIFIC	Total 8 Hr. Shifts ormed by all	*** *** *** *** *** *** *** *** *** *** *** *** ** *** *	Trammen	PLANTS AN	Total S Hr. Shifts	\$	
Superintende Foremen Shift Bosses Millmen Roustabouts. Machinists Electricians. Carpenters Ore Sorters Total numb	classific	ormed by all	*** *** *** *** *** *** *** *** *** *** *** *** ** *** *	Trammen	PLANTS AN	Total S Hr. Shifts	\$\$\$\$\$\$\$\$\$	
Superintender Foremen Shift Bosses. Millmen Roustabouts. Machinists Electricians. Carpenters Ore Sorters Total numb	er of shifts perfer of shifts perfer	ormed by all	*** *** *** *** *** *** *** *** *** *	Trammen Truckers Teamsters Timekeepers Bookkeepers Cooks Waiters	PLANTS AN	Total S Hr. Shifts	\$	
Superintender Foremen Shift Bosses. Millmen Roustabouts. Machinists Electricians. Carpenters Ore Sorters Total numb Total numb Total numb	er of shifts perfer of	ormed by all ormed by all ormed by all ormed by all	*** *** *** *** *** *** *** *** men undergrounder on surfaction men in mills If this cannot	Trammen Truckers Teamsters Timekeepers Bookkeepers Cooks Waiters	rately, give ap	Total S Hr. Shifts	\$	
Superintende Foremen Shift Bosses. Millmen Roustabouts. Machinists Electricians. Carpenters Ore Sorters. Total numb Total numb Total numb	er of shifts perfer of shifts perfer of shifts perfer of shifts perfer of operations dur	ormed by all ormed by all ring the year	wage Per Shift \$	Trammen Truckers Teamsters Timekeepers Storekeepers Cooks Waiters Dund e t be given accu	rately, give ap	Total S Hr. Shifts	\$	
Superintende Foremen Shift Bosses. Millmen Roustabouts. Machinists Electricians. Carpenters Ore Sorters. Total numb Total numb Total numb	er of shifts perfer of shifts perfer of shifts perfer of operations dur	ormed by all ormed by all ring the year	wage Per Shift \$	Trammen Truckers Teamsters Timekeepers Bookkeepers Cooks Waiters Dund t be given accu	rately, give ap	Total S Hr. Shifts	\$\$\$\$\$\$\$\$\$	
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Superintende Foremen Shift Bosses. Millmen Roustabouts. Machinists Electricians. Carpenters Ore Sorters. Total numb Total numb Total numb	er of shifts perfer of shifts perfer of shifts perfer of operations dur	ormed by all ormed by all ring the year	wage Per Shift \$	Trammen Truckers Teamsters Timekeepers Storekeepers Cooks Waiters t be given accu	rately, give ap	Total S Hr. Shifts	\$\$\$\$\$\$\$\$\$.	
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Superintende Foremen Shift Bosses. Millmen Roustabouts. Machinists Electricians. Carpenters Ore Sorters Total numb Total numb Total numb Total cost of	er of shifts perfer of shifts perfer of shifts perfer of operations dur	ormed by all ormed by all ring the year	wage Per Shift \$	Trammen Truckers Teamsters Timekeepers Storekeepers Cooks Waiters Dunde	rately, give ap	Total S Hr. Shifts	\$\$\$\$\$\$\$\$\$	
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Silver.....oz.

IMPORTANT

BLANKS SHOULD BE COMPLETELY FILLED OUT AND RETURNED BY MARCH 1, 194..9..

METAL MINES AND MILLS

ST. LOUIS TUNNEL Name of Mine or Plant.

County Dolores , Post Office , District , REPORT TO BUREAU OF MINES STATE OF COLORADO For the Year 194..8. **OPERATOR** Name of Company, Part-) RICO ARGENTINE MINING COMPANY nership or Individual Address of Principal Office SALT LAKE CITY, UTAH Local Office RICO, COLORADO. If incorporated, under the laws of what state?.... Names, titles and addresses of Officers, Partners, Individu-See Argentine Mine No. 148 als: Names and numbers of patented claims.... See former lists. If names of claims have been listed inTotal acreage..... reports changes. 1f any, need be giv Names of unpatented claims....Total acreage..... Do you operate these claims yourself or are they being worked under lease?..... Was property operated in whole or in part during the past year? Discontined Operation during 1948 If you have given a lease for all or part of the property give names and P. O. address of said lessees, together with description of part leased..... Is the work done by your lessees included in this report. List all improvements and developments made during the year. Name of Owner Address of Owner PRODUCTION CRUDE OR SHIPPING ORE: No. of tons......Average gross value per ton \$..... Total value \$...... Average grade of different metallic content in ores as follows: Goldoz. Lead% Copper% Sulphur% Silveroz. Zinc% Tungsten% Vanadium.....% Uranium% Molybdenum% MILLING ORE: Tons milled Milling processes employed..... Average gross value per ton crude ore milled \$...... Average grade crude ore milled in different metals as follows: Goldoz. Lead% Copper% . Sulphur% Silveroz. Zinc% Iron.....% Fluorspar% Tungsten% Vanadium....% Uranium% Molybdenum%